

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**October**

**2012**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**November 15, 2012**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

The San Angelo Hydrologic Service Area (HSA) experienced a very dry month during October. A few scattered showers occurred on only four days during the entire month across the HSA. As a result, most areas across the HSA received below normal rainfall during the month. Widespread areas observed as much as two to three inches below the monthly normal rainfall. Portions of Brown, Coleman, Runnels, San Saba, Crockett and Sonora Counties received no rainfall during October.

The dry month allowed drought conditions to intensify across the region. At the end of October, the U.S. Drought Monitor depicted extreme to exceptional drought conditions across the northern Big Country and portions of Sutton County. Moderate to severe drought conditions were depicted along and south of IH 10 and across southern parts of the Big Country.

The average precipitation reported from coop observers in October was 0.41 of an inch. The highest monthly precipitation total of 1.98 inches was reported in Throckmorton County. Coop observers in Mason, Taylor and Throckmorton Counties received over one inch of rain in October.

The San Angelo Regional Airport received 0.49 of an inch of precipitation during October, which was 2.24 inches below normal for the month. The monthly normal rainfall for San Angelo in October is 2.73 inches.

The Abilene Regional Airport received 0.73 of an inch of precipitation during October, which was 2.25 inches below normal for the month. The monthly normal rainfall for Abilene in October is 2.98 inches.

Junction received 1.18 inches of rain during October. The estimated average monthly rainfall in October is about 2.75 inches.

**Coop Observer Rainfall Totals for October, 2012:**

<b>Station Name</b>	<b>Amount (in)</b>		<b>Station Name</b>	<b>Amount (in)</b>
Abilene 2	0.60		Merkel 12SW	1.08
Albany	0.32		Mertzon 12NNW	0.03
Ballinger 2NW	Trace		Ozona	0.03
Brownwood	0.00		Ozona 22SE	0.10
Burkett	0.00		Paint Rock	0.00
Coleman	0.20		Putnam	0.45
Concho Park	Trace		Red Bluff Crossing	0.03
Eden	0.93		Roscoe	0.64
Eldorado	0.04		Rotan	0.78
Fort Griffin	0.49		San Angelo WFO	0.34
Fort McKavett	0.31		San Saba 7NW	0.16
Glen Cove 2NE	0.19		Santa Anna 12SSE	0.00
Hamlin	0.54		Silver Valley	0.07
Haskell	0.69		Sonora	0.48
Hords Creek Dam	0.10		Stamford	0.75
Humble Pump	0.00		Sterling City	0.17
Junction 4SSW	0.32		Taylor Ranch	0.03
Lake Abilene	0.78		Throckmorton 7NE	1.98
London 3N	0.91		Water Valley	0.05
Mason	1.55		Water Valley 11NE	0.11
Menard	0.40		Woodson	0.82

**Reservoir Conditions (end of October, 2012)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	36,410	52
Lake Stamford	52,700	15,100	29
Hubbard Creek Lake	317,800	112,590	35
Hords Creek Lake	8,800	1,410	17
Lake Brownwood	131,428	77,620	59
E.V. Spence	488,760	29,000	6
O.C. Fisher	119,200	1,830	2
O.H. Ivie	554,340	136,100	25
Twin Buttes	177,800	12,950	7

**Hydro Products Issued**

FLS = 1 (Expire - River Flood Warning)

ESF = 2

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for October across the San Angelo HSA is depicted below.

